

WHAT IS CLAIMED IS:

1. A method for power management, comprising:
formatting a message based on received command;
transmitting the formatted message; and
selectively powering down components based on the formatted message.
2. The method of claim 1 further comprising receiving a command.
3. The method of claim 1 wherein formatting a message further comprising:
setting bits in payload portion of the message; and
assigning a first value to sideband portion of the message.
4. The method of claim 1 wherein formatting a message further comprising
analyzing the formatted message for error.
5. The method of claim 3 wherein selectively powering down components
associated with the payload portion of the message.
6. The method of claim 3 further comprising:
reformatting the message based on a received command; and
transmitting the reformatted message; and
selectively powering up components based on the reformatted message.

7. The method of claim 6 further comprising receiving a command.
8. The method of claim 6 wherein reformatting the message further comprising:
 - setting bits in the payload portion of the message; and
 - assigning a second value to the sideband portion of the message.
9. The method of claim 6 wherein reformatting the message further comprising analyzing the reformatted message for error.
10. The method of claim 8 further comprising comparing the first and second values of the sideband portion of the messages.
11. The method of claim 10 wherein selectively powering up components based on result of comparing the first and second values.
12. An apparatus for power management, comprising:
 - a first device formats a message based on a received command;
 - a second device coupled to the first device receives the formatted message, wherein the first and second devices selectivity power down components based on the formatted message.

13. The apparatus of claim 12 wherein the first device comprises an activity monitor.
14. The apparatus of claim 13 wherein the activity monitor transmits the command to the first device.
15. The apparatus of claim 12 wherein the first device assigns a first value to the sideband portion and the payload portion of the message.
16. The apparatus of claim 15 further comprising:
the first device reformats the message based on a received command; and
the second device receives the reformatted message and the first and second devices selectively power up components based on the reformatted message.
17. The apparatus of 16 wherein the first device assigns a second value to the sideband portion and the payload portion of the message.
18. The apparatus of claim 17 wherein the second device compares the first and second values of the sideband portion of the message.
19. The apparatus of claim 18 wherein the first and second devices selectively power up the components based on result of comparison.

20. The apparatus of claim 17 wherein the second device transmits an acknowledgement signal to the first device.
21. The apparatus of claim 17 wherein the first device transmits data after a period of time.
22. A system for power management, comprising:
a microprocessor;
a first device coupled to the microprocessor;
a second device coupled to the first device and the microprocessor,
wherein the first and second device comprising:
the first device formats a message based on a received signal;
the second device receives the formatted message and the first
and second devices selectively power down components based on the formatted
signal.
23. The system of claim 22 wherein the first device assigns a first value to the sideband and payload portions of the message.
24. The system of claim 23 further comprising:
the first device reformats the message based on a received command; and

the second device receives the reformatted message and the first and second devices selectively powers up components based on the reformatted message.

25. The system of claim 24 wherein the first device assigns a second value to the sideband portion and the payload portion of the message.

26. The system of claim 25 wherein the second device compares the first and second values of the sideband portion of the message.

27. The apparatus of claim 26 wherein the first and second devices selectively power up components based on result of comparison.